

**Section 7A Review**

Estimate each product or quotient.

1.  $4\frac{5}{6} \times 12\frac{2}{5}$  \_\_\_\_\_

2.  $7\frac{3}{4} \div 2\frac{2}{3}$  \_\_\_\_\_

3.  $3\frac{4}{9} \times 10\frac{2}{7}$  \_\_\_\_\_

4.  $9\frac{1}{4} \div 4\frac{4}{7}$  \_\_\_\_\_

5.  $11\frac{1}{2} \times 13\frac{2}{5}$  \_\_\_\_\_

6.  $8\frac{4}{7} \div 3\frac{5}{9}$  \_\_\_\_\_

Simplify.

7.  $4\frac{1}{9} \times 4$  \_\_\_\_\_

8.  $8 \times 3\frac{1}{2}$  \_\_\_\_\_

9.  $1\frac{1}{3} \times 2\frac{1}{2}$  \_\_\_\_\_

10.  $4\frac{1}{10} \times 8$  \_\_\_\_\_

11.  $\frac{1}{2} \times 4$  \_\_\_\_\_

12.  $5 \times 2\frac{3}{8}$  \_\_\_\_\_

13. The table shows the ingredients in a recipe for papaya ice cream from *Kathy Cooks Naturally*. Complete the table to show how much of each ingredient you would use to make 4 times or 6 times the amount of the original recipe.

Ingredient	Ripe papaya	Orange juice	Lemon juice	Whipping cream	Honey
Original recipe	$1\frac{1}{2}$ cups	$\frac{1}{2}$ cup	$\frac{3}{16}$ cup	$1\frac{1}{2}$ cups	$\frac{1}{2}$ cup
4 times					
6 times					

14. Fancy tomatoes are selling for \$1.95 per pound. Can you buy  $2\frac{1}{4}$  pounds if you only have \$4.00? \_\_\_\_\_
15. Mrs. Gonzales bought  $3\frac{1}{8}$  pounds of candy for Halloween. She gave away  $\frac{3}{5}$  of the candy. How much candy was left over? \_\_\_\_\_
16. **Fine Arts** Rodney is making a macramé belt that is to be  $1\frac{1}{4}$  meters long. If  $\frac{1}{3}$  of the belt has been completed, how many meters of the belt have been completed? \_\_\_\_\_
17. Some giant dump trucks use tires with a diameter of 12.5 feet. Find the area of a wheel with this tire. [Lesson 4-8] \_\_\_\_\_
18. Rick had  $\frac{7}{8}$  of a cup of lemon juice. After making a pie, he had  $\frac{1}{2}$  cup of lemon juice left. How much lemon juice did he use in the pie? [Lesson 6-3] \_\_\_\_\_